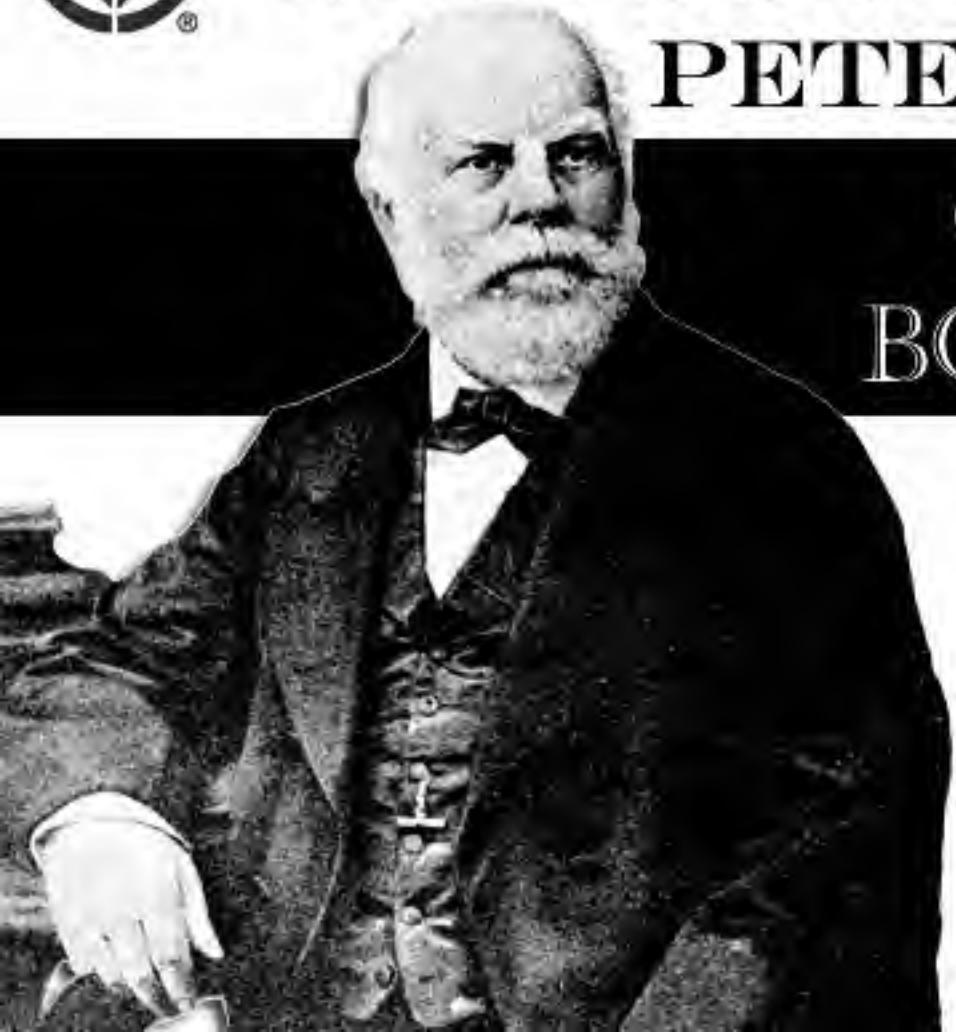




MISSOURI BOTANICAL GARDEN

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GEORGE ENGELMANN BOTANICAL NOTEBOOKS

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70

See p. 574

C. morans Griseb.

C. — Due

C. reflexa Due Hb. J.W.

226.

(Enclosed 5/6-5/17)



0 1 2 3 4 5 6 7 8 9 10
cm

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4935

OK

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cm

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in the large species - H. Kent. Mrs. Paris. I find
sometimes small glomerules of a few flowers,
latent on the stems, thus:

a terminal flower, and as
secondary axillary production
a young flower below the
old one - (or is this same flower a production of
a bract on the pedicel?)

Usually however the inflorescence is regularly
spiked, with sterile bracts at the end of main
axis (as figure) the lower lateral flowers
have longer branched pedicels and produce fewer
flowers in their axes.



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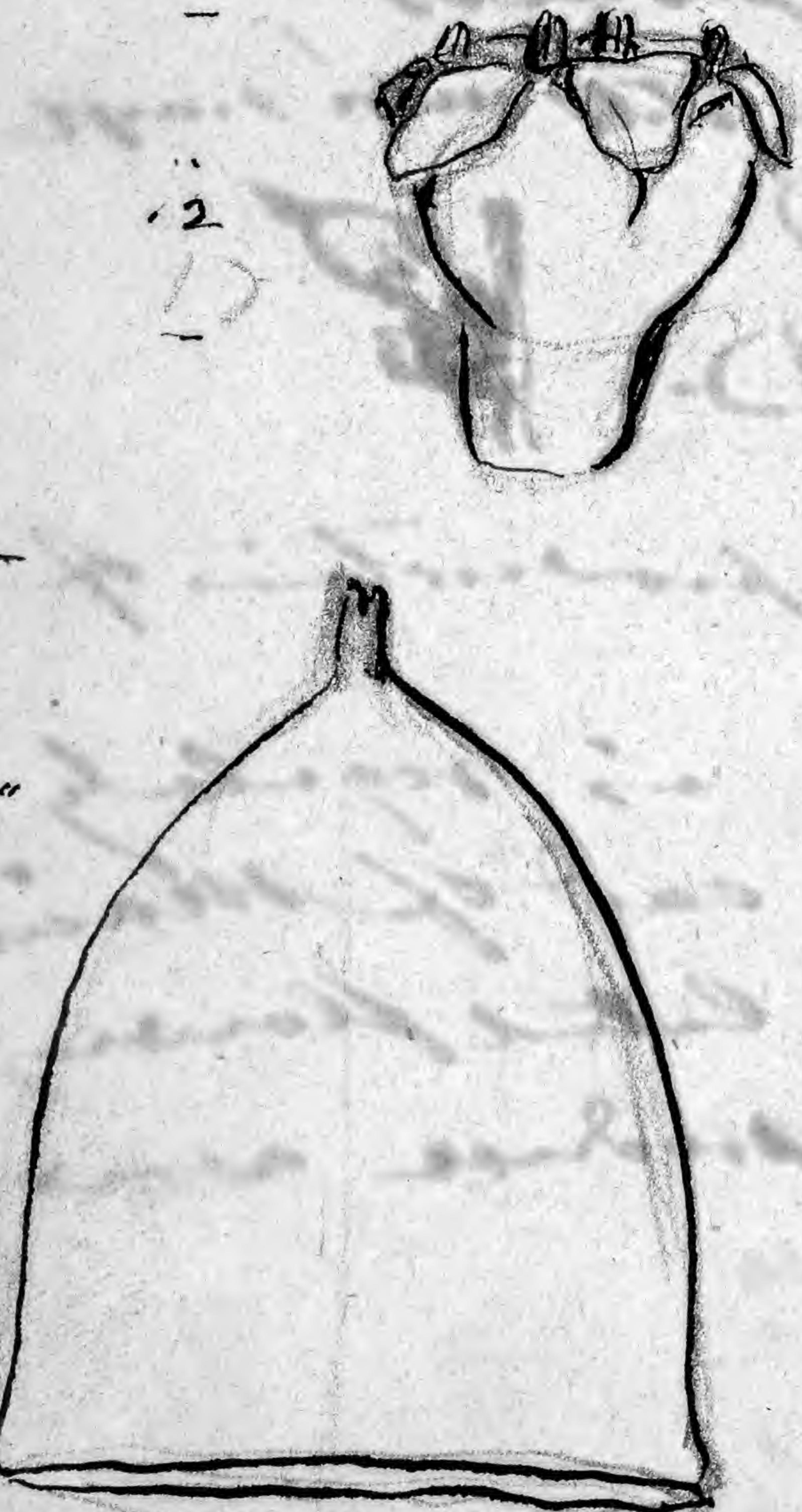
226.6.

4936

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Cassia Toruensis Dne

fully open flower.



florib. racemos & - paucifl.,
scapius axi in determinata spicati;
florib. inferioris longis ~~&~~ super-
ioribus brevibus pedicellatis pedicellis
1-3 lundatis s. superioris erat
super bractea ovata cylindrica
rugulosa, alveo profunde ~~gigidi~~ lobis
obtusatis obtusis subrotatis tuba
concreta longis brevis campanulatum
leonis ovatis tales brevioris, petulis
1- reflexis, dum super erit,
anthers ovatis sub fascie adnatis
squamis nullis s. ~~linea~~ cristatis
obliquis rotatis omni globose ovato
stylo orso, brevi; stigmatibus compresi
c. stylaeque longis.




0 1 2 3 4 5 6 7 8 9 10
cm

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226 May 24th 1857 . Berlin.



0 1 2 3 4 5 6 7 8 9 10
cm

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Cuncta reflexa

Ine Herb. T. inor descr. 1835

p. 66.

" Inflorescens racemiformis, floribus breviter pedicellatis
bisariantibus, corolla crenulata, Corolla rotundata,
reflexa in tubo aequaliter longior, staminibus subaequali
corollae apicem insertis, style superius
stamineus subaequalis, capsula conduplicata
mentis stylis coronata 2 spermine, semina
subrotundata, impressio testae levior, rima
punctulata fusa." "

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cm

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EBH
1927

1842 tt in 1842 - 1843

Cass. glomerata Chi

Lepidium Camptan

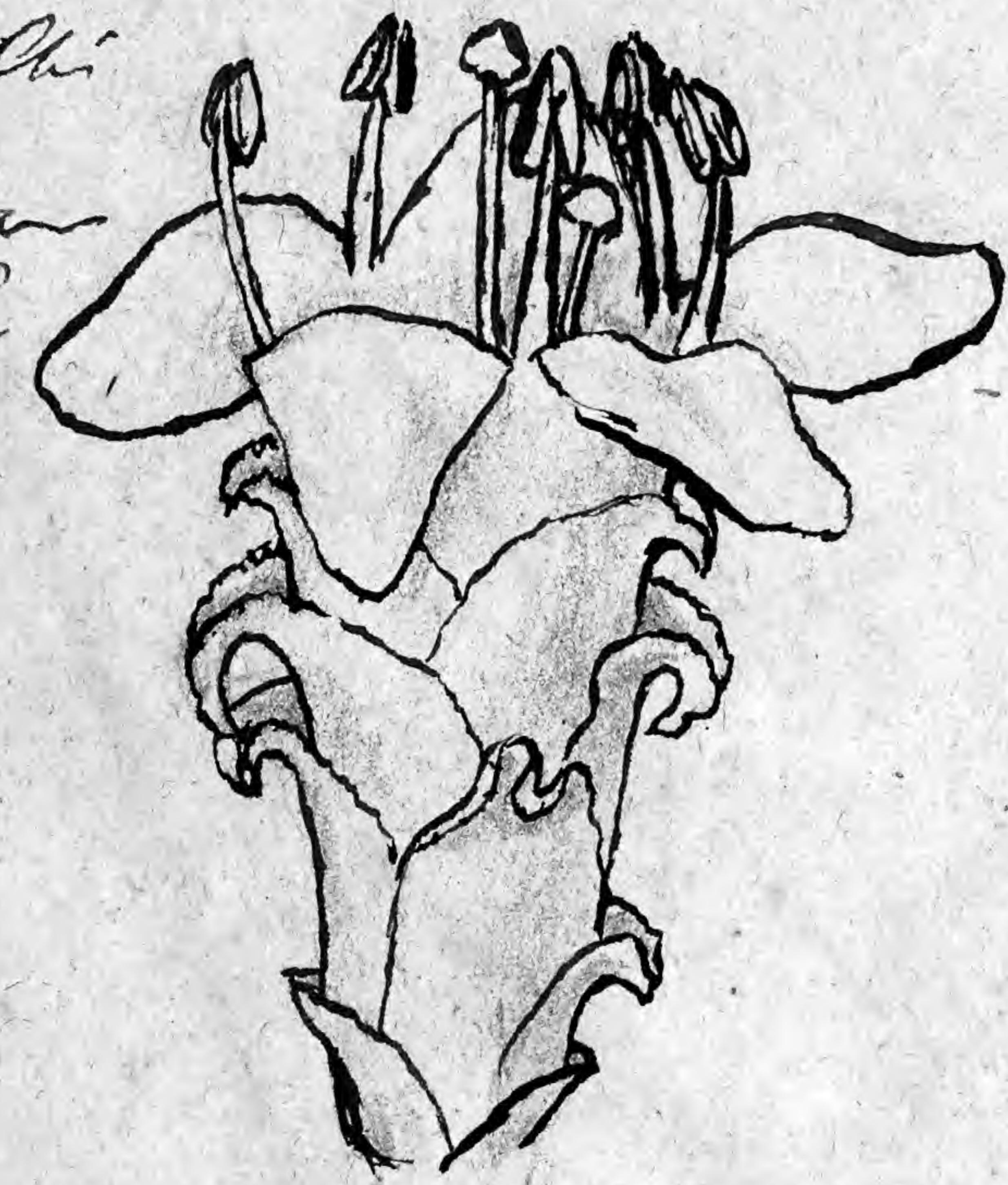
nasitaram

elianthei

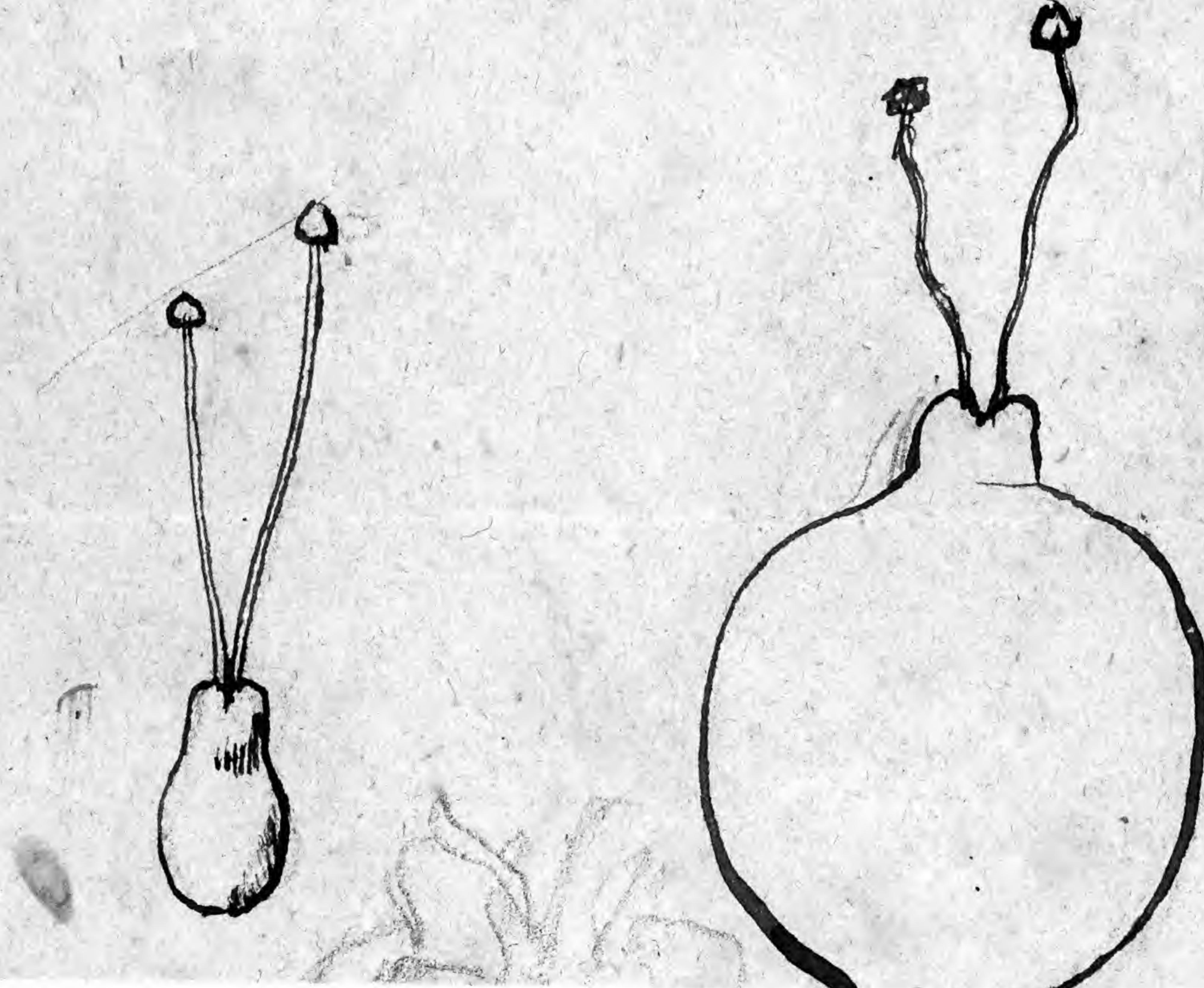
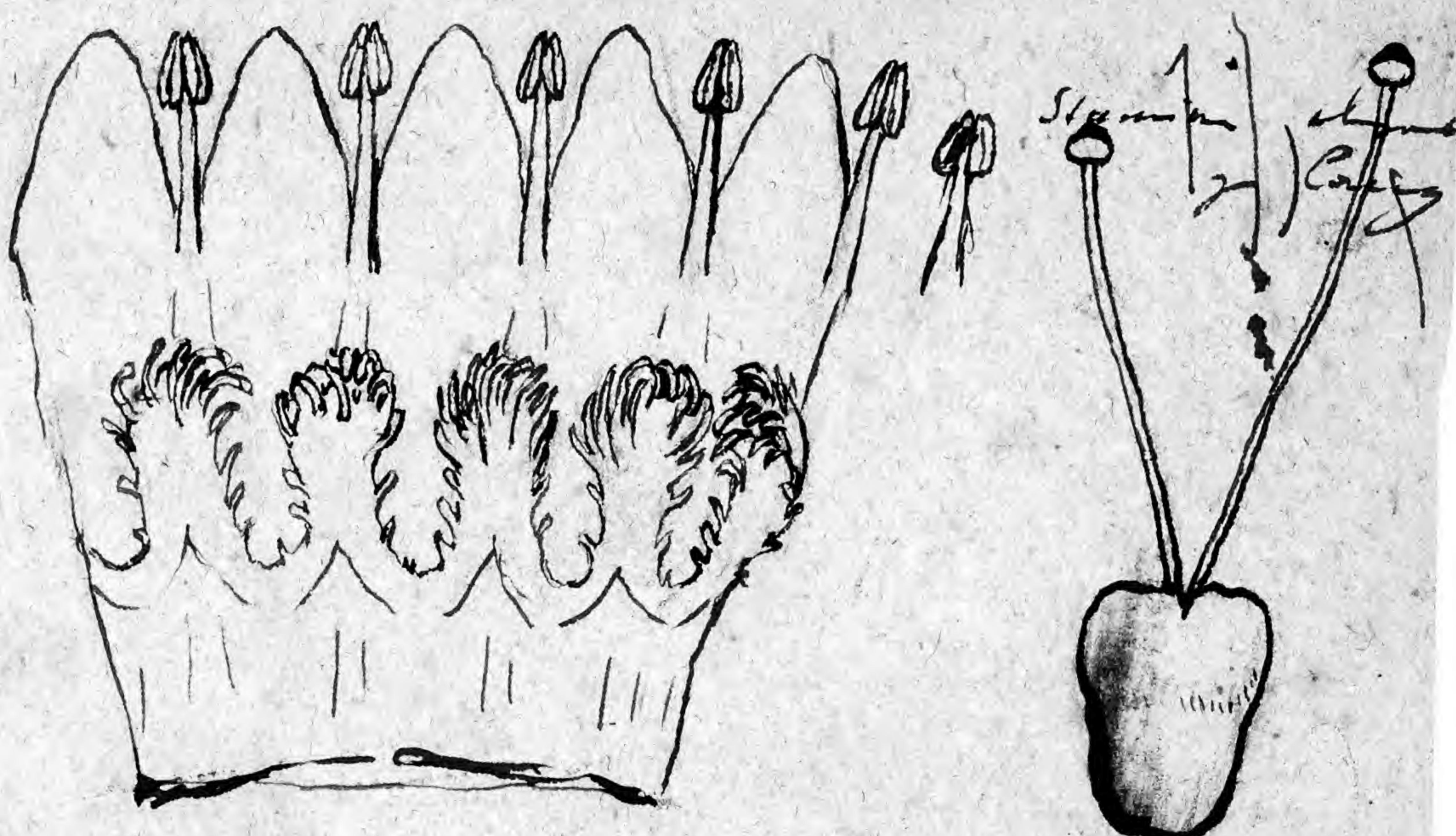
'var. lobis
angustioribus'

importans

Edaginis



Cornufer obsoletus



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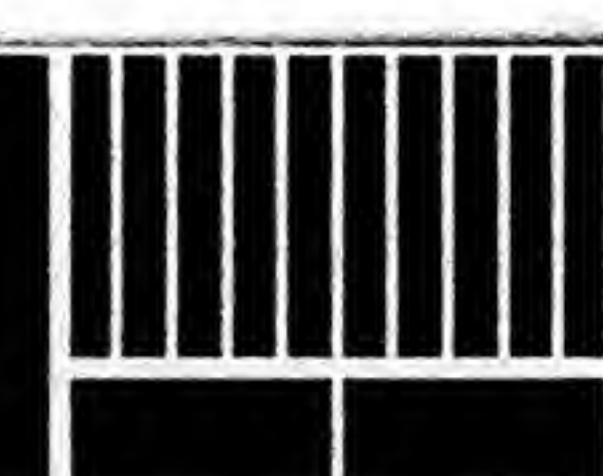


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GARDEN

5281 forest sugg

4938

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cm

1 2 3 4 5 6 7 8 9 10

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Cuse p. 512

III Monogyna

8 Monogynella

sp. 68-75.

(Enclosed 512-576)



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cm

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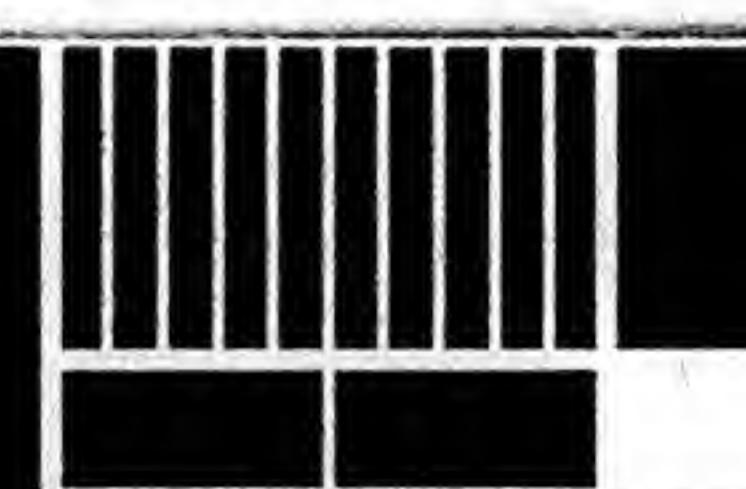
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4939

22

Missouri Botanical Garden

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cm

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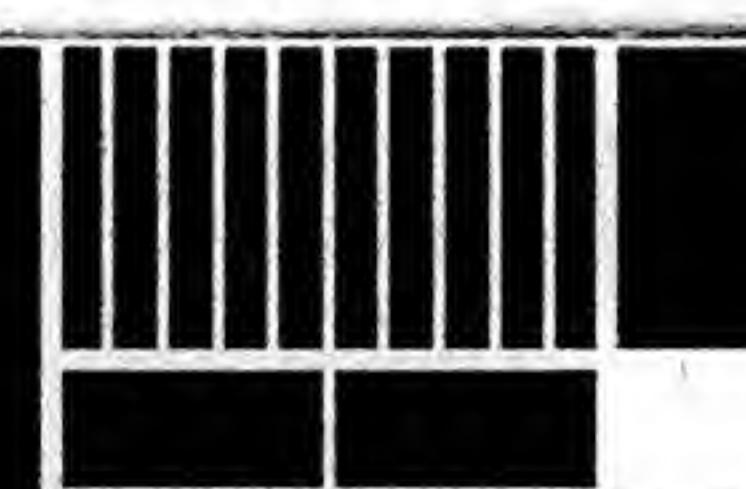


MISSOURI
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GARDEN

nia
nephra
clia
nelia

C. L. M.
Aug. 27
Den
Cabin

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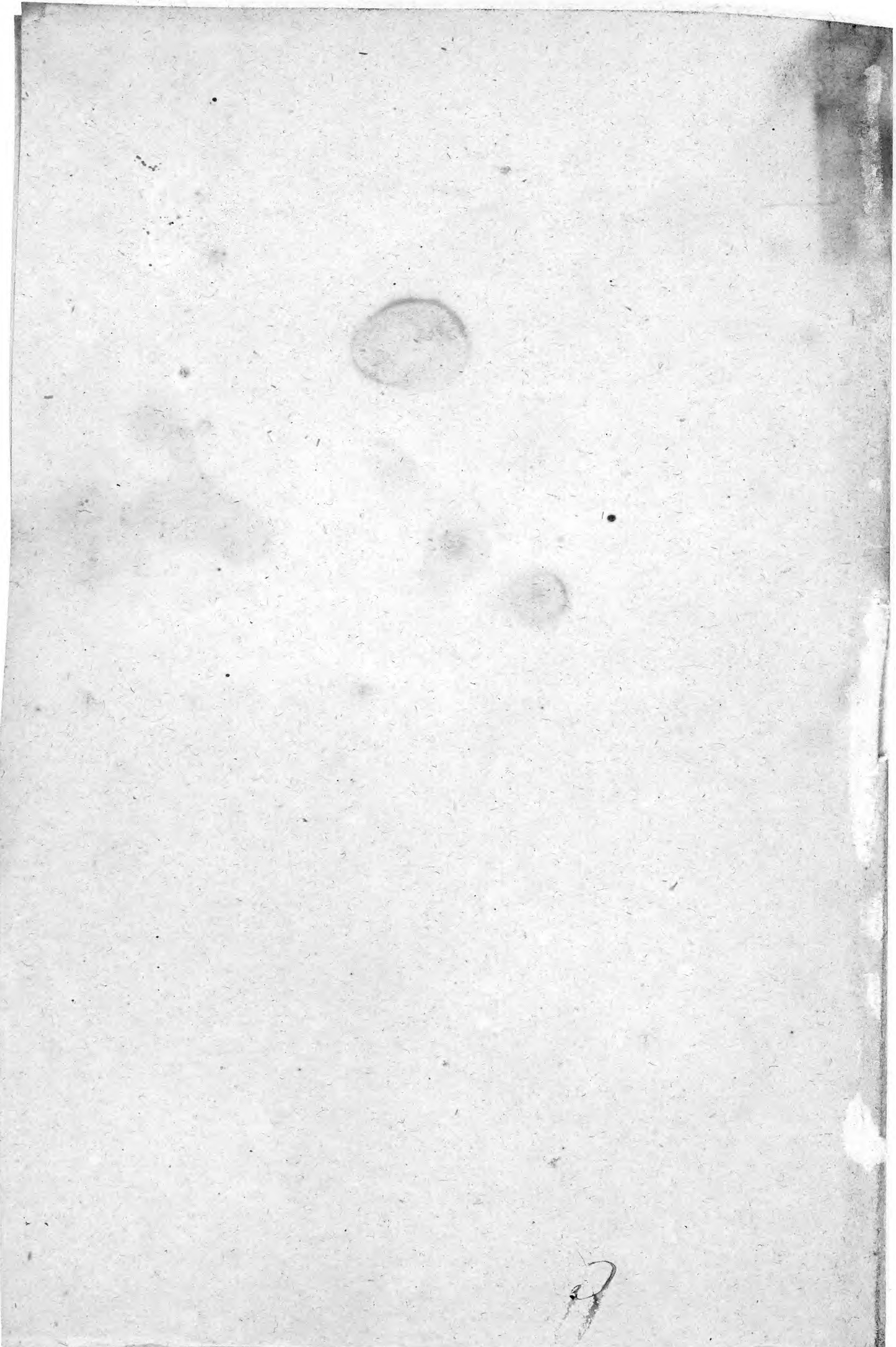


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cm

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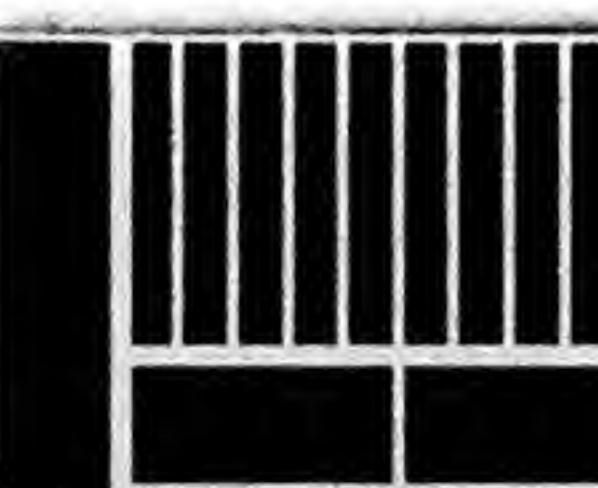

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96 April 1857

Pl. Tex ex 100. 472

Cuscuta gomostyla

Texas



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cm

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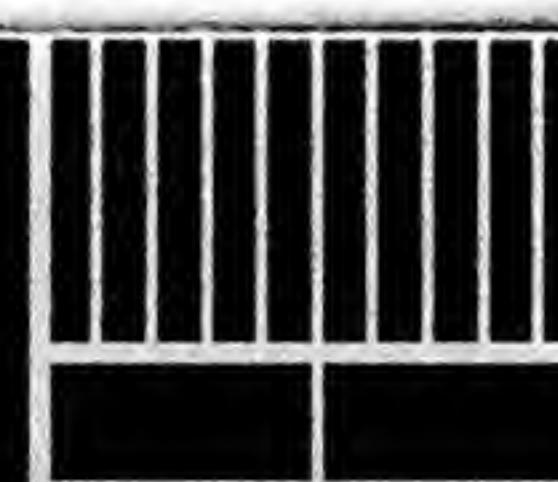
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4940,

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cm

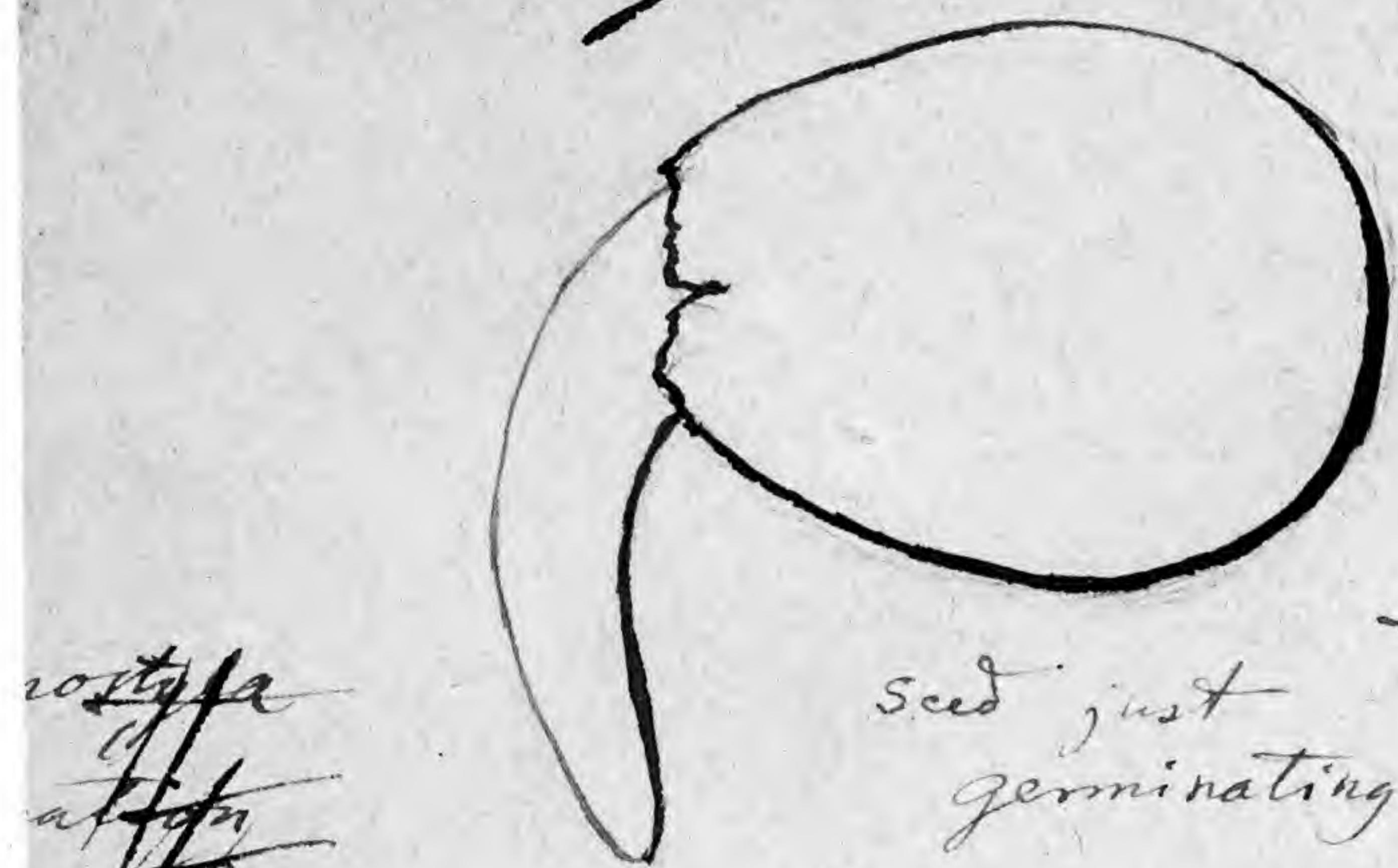
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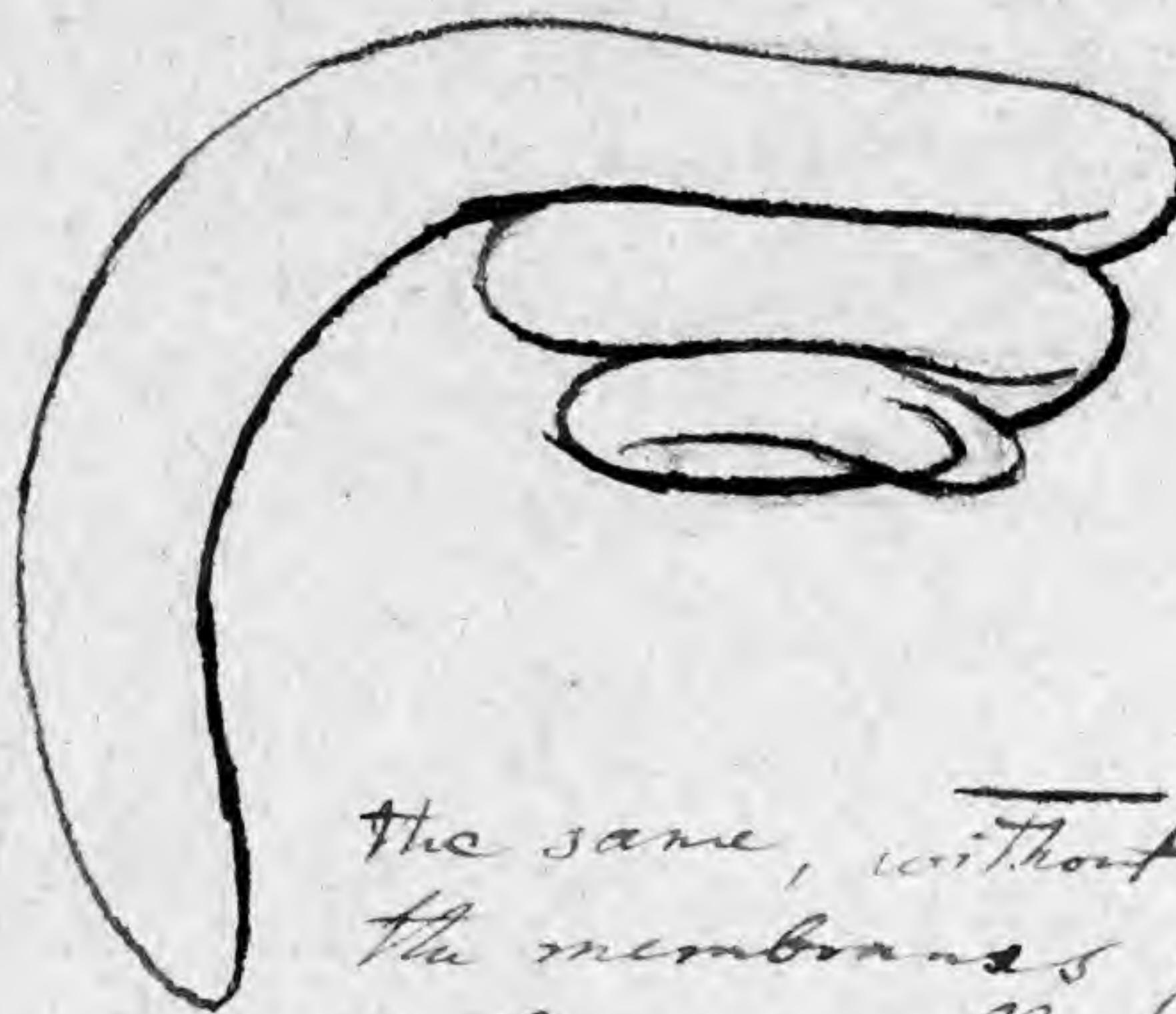
K. Germination of *Curruca gaudichaudii* E

May 1847

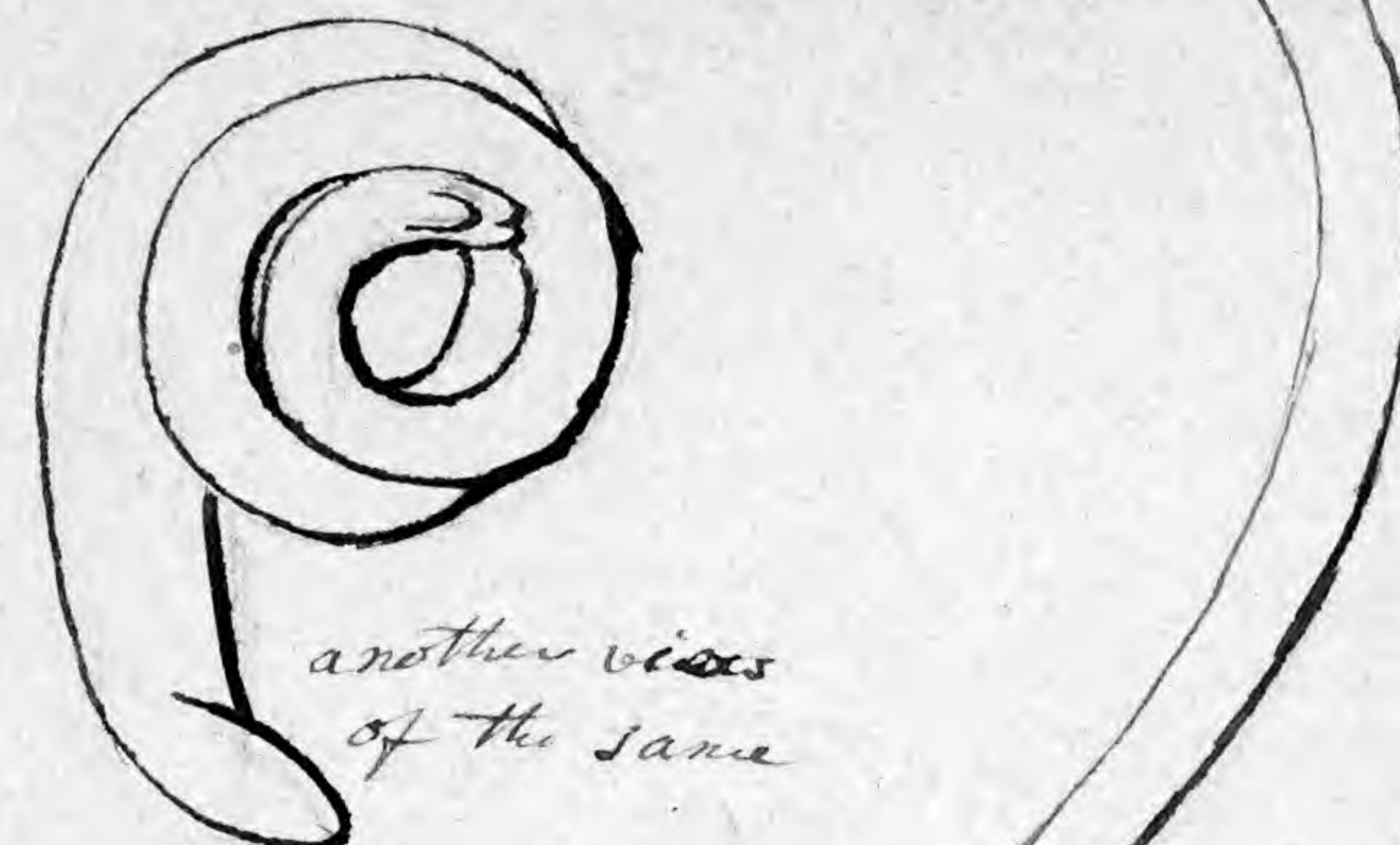


rootlet
at tip
1847

seed just
germinating



the same, without
the membranes;
embryo - albumen
nearly absorbed

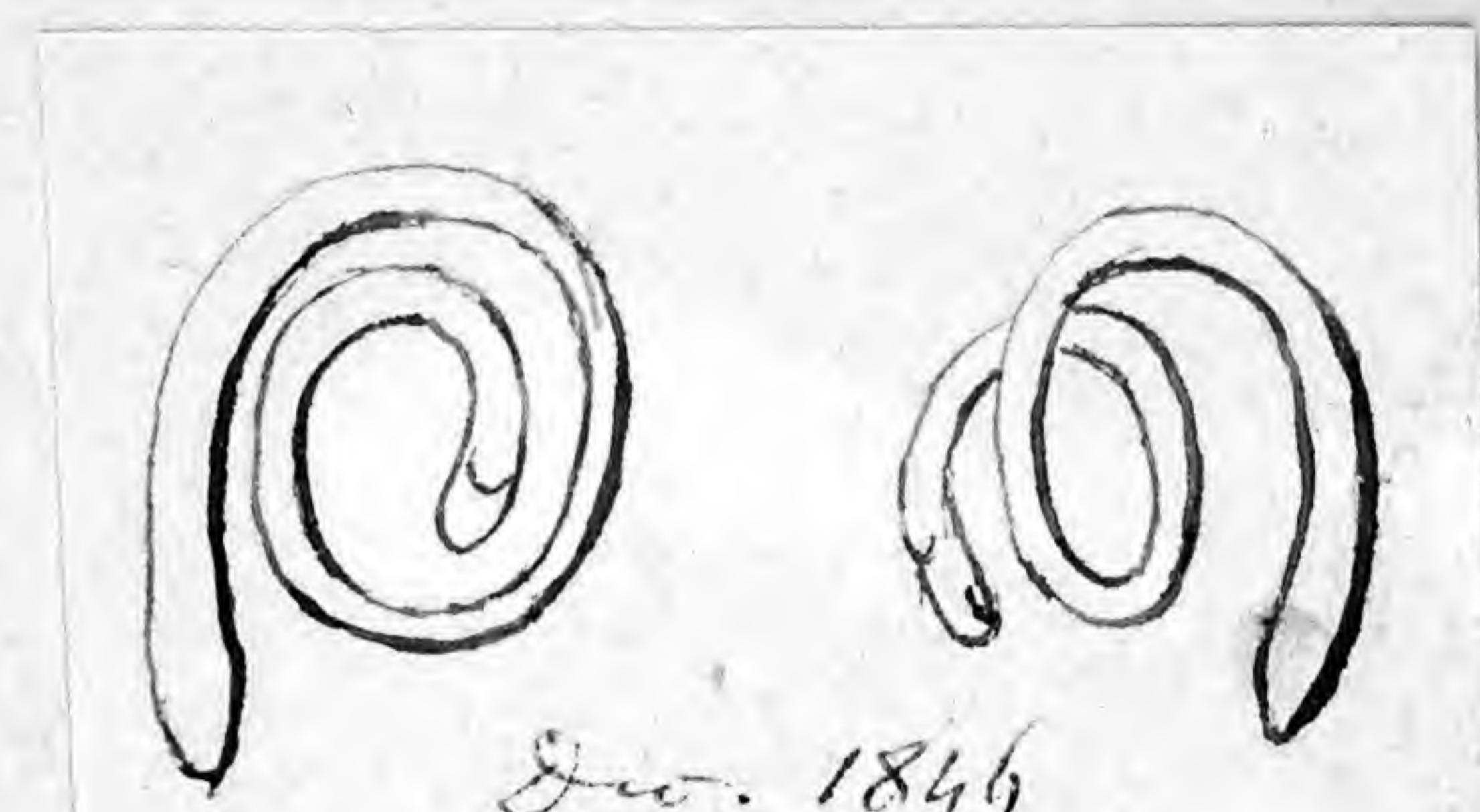


another view
of the same



young plant
just coming out
of the ground.
lower
End of stem
yet smooth

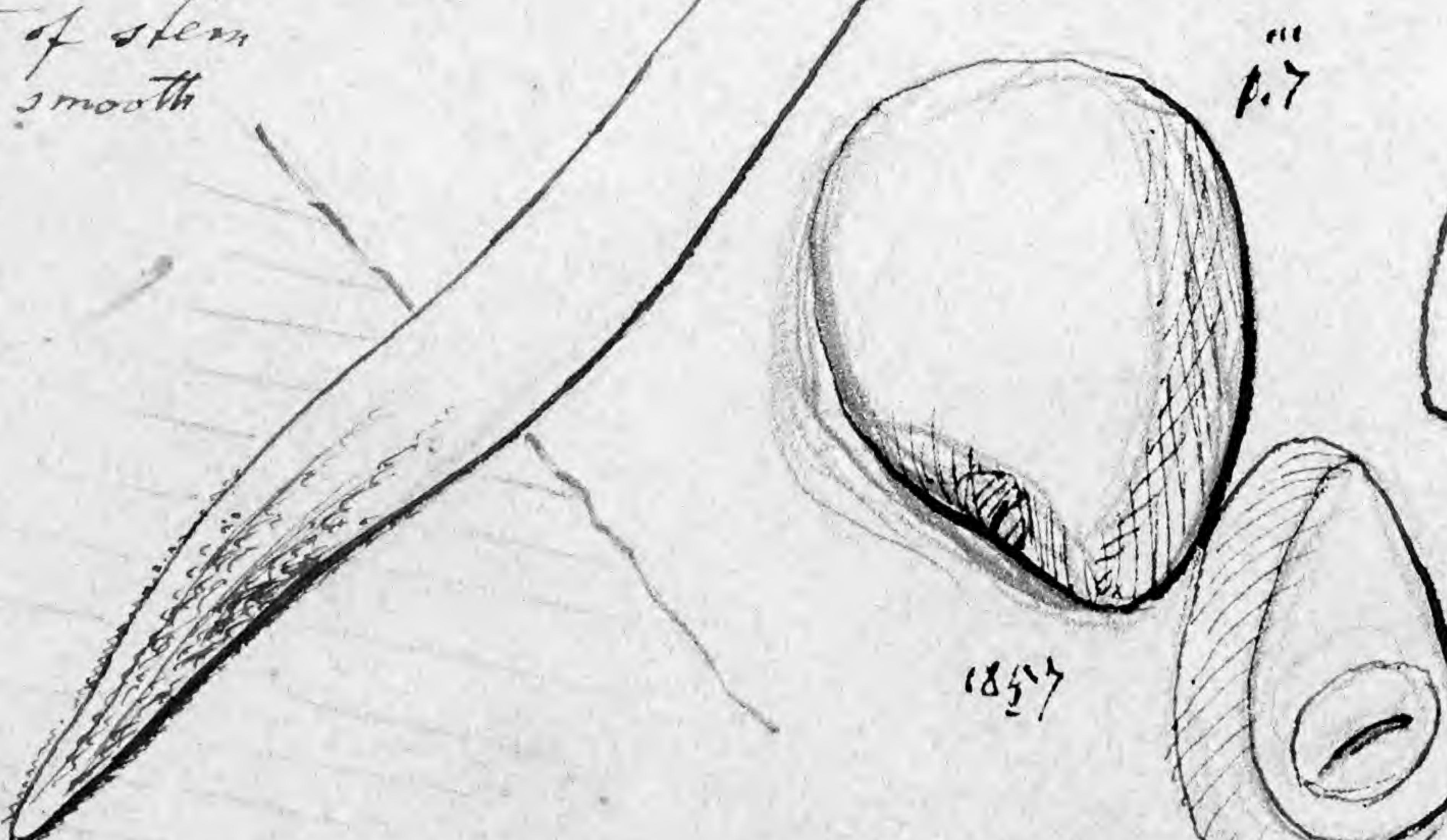
young plant
before the lower
stem in the
ground withers
This end
very fine
is covered with
woolly appendages
(rootlets)



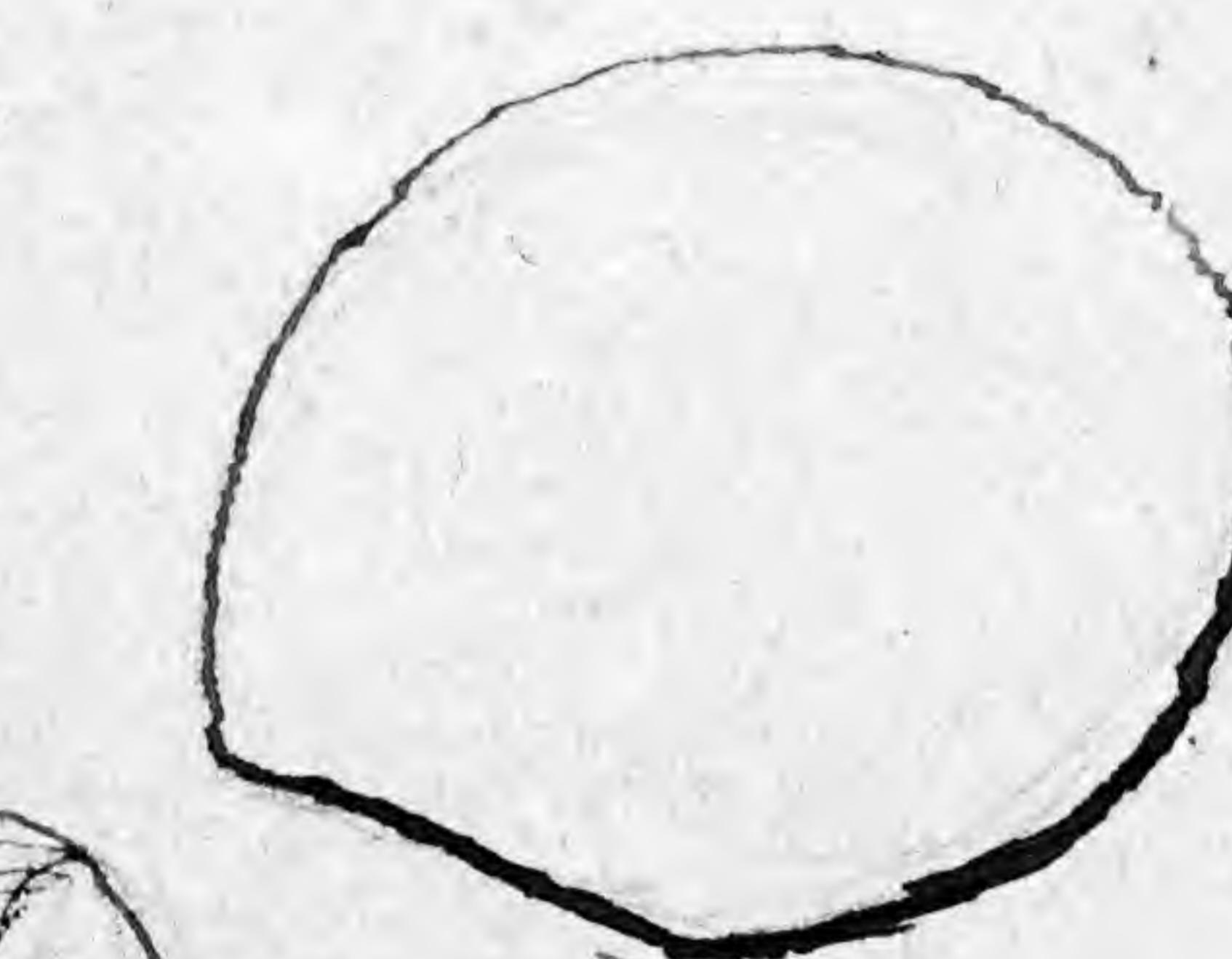
Dec. 1846



rootlet



1857



seed



embryo in
seed

hilum with a transverse slit



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cm

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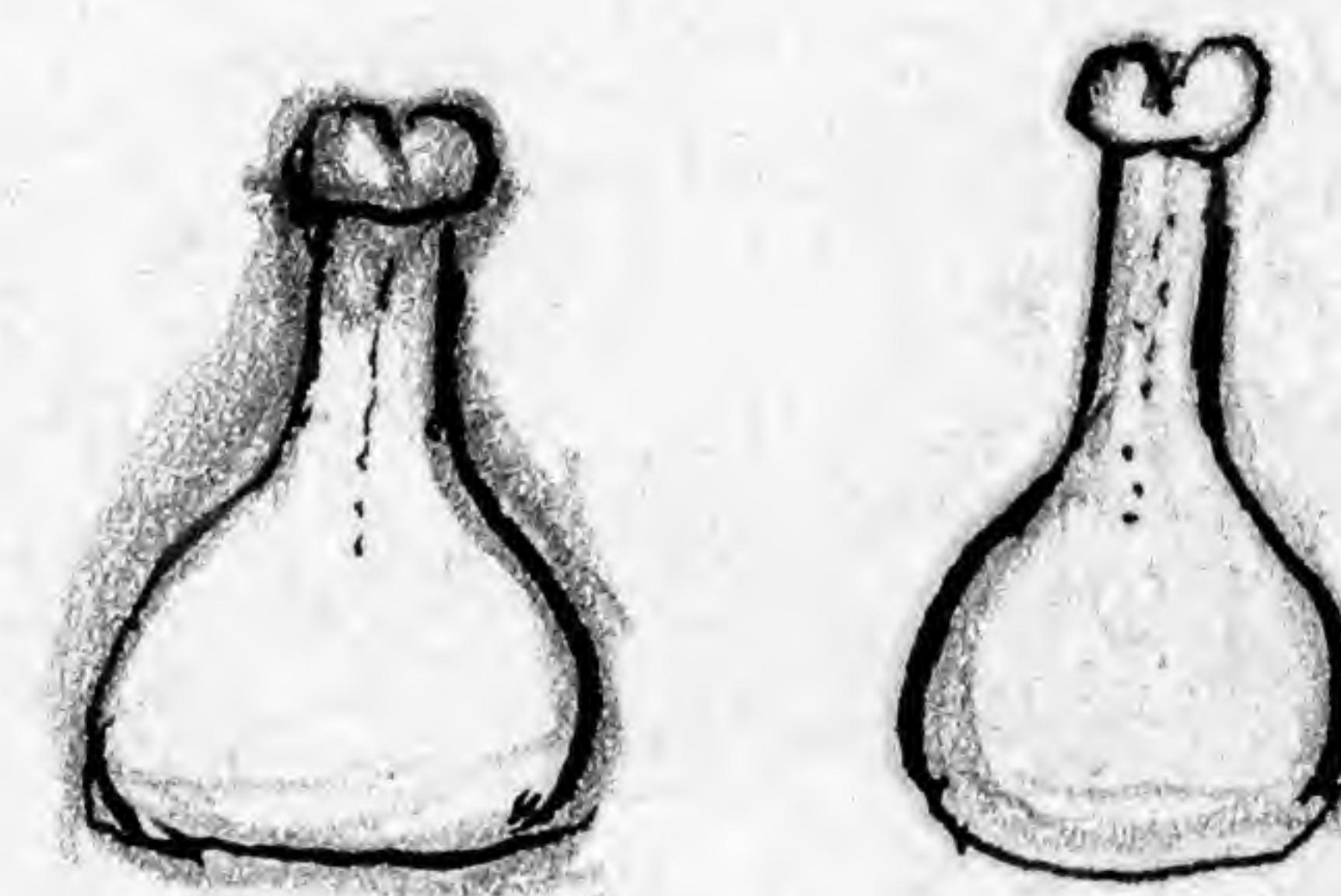
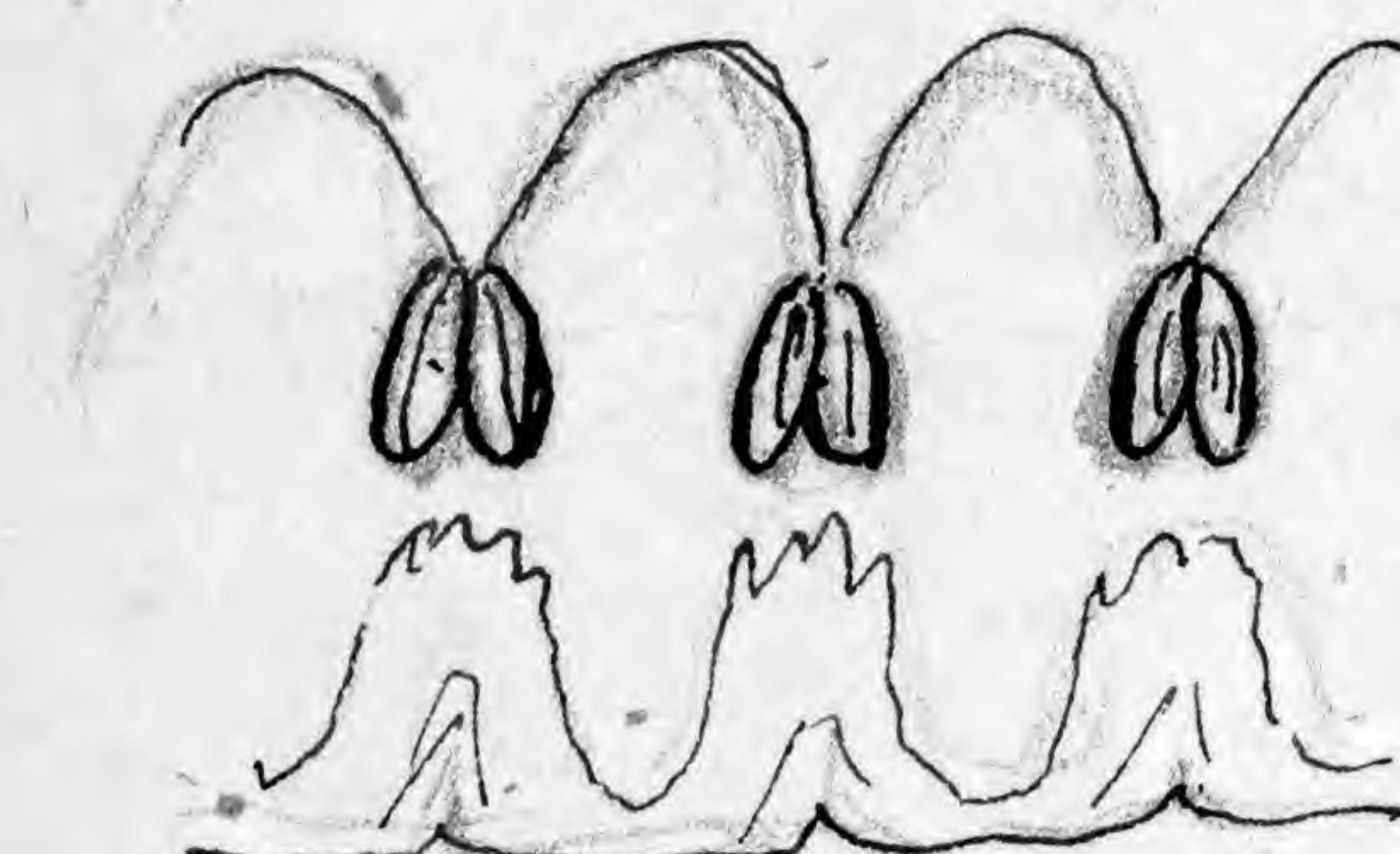
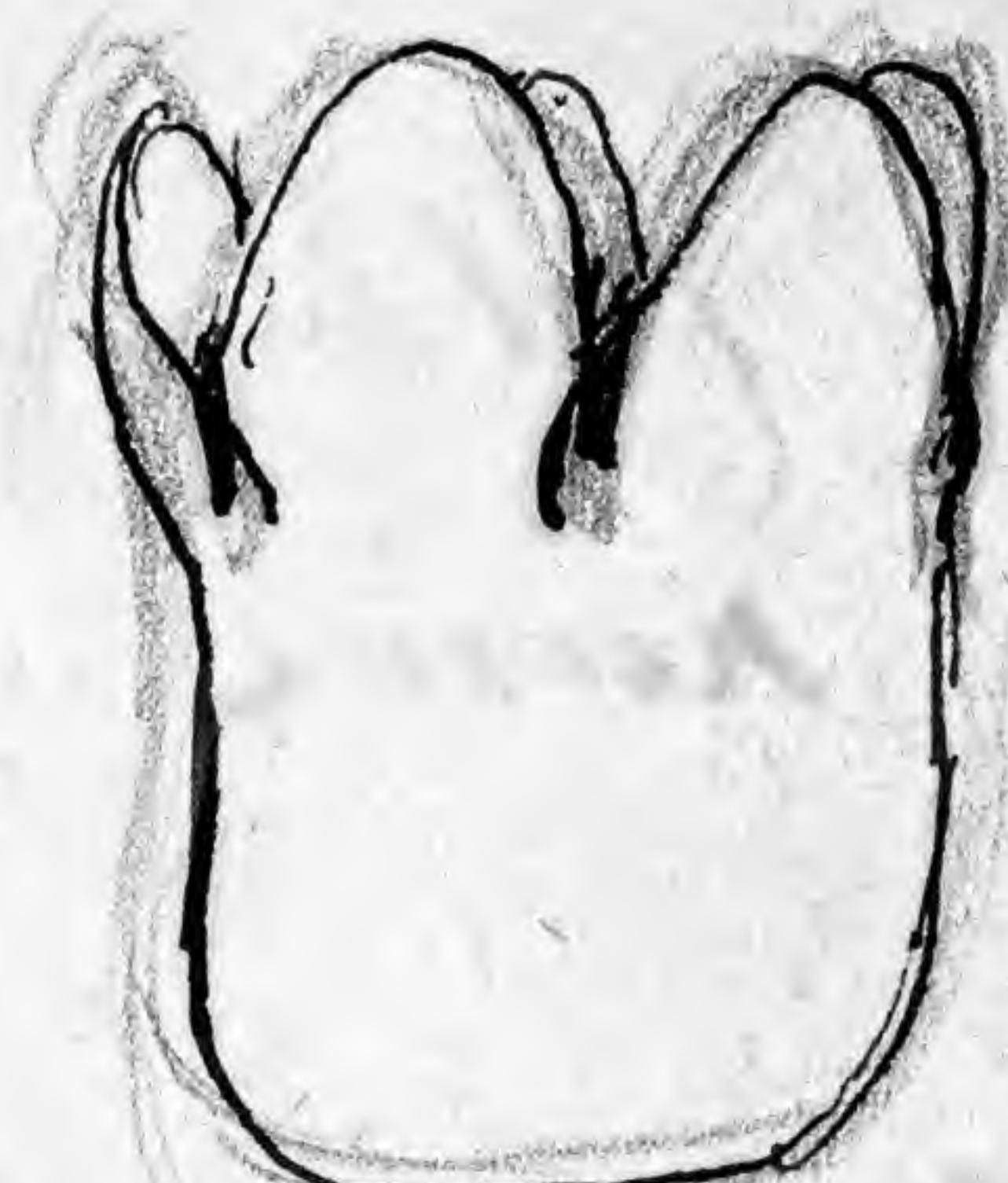
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cm

1 2 3 4 5 6 7 8 9 10

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108
108

over

Monogyneella angustifolia
Cicuta angustifolia Nees.
 C.S. sp. ^{ms} Dreege 2.7.

Hb. Wurd. 40

Hangklipp. C.P.S. Mund & Marie July 1821
 i. Hb. Dreege

floris sessilibus. Calyx
 tub. corolla breviter cylindri-
 aequali, lacinia's tub. aequali
 eratis oris oblique vibratibus
 annulis oris oris sessilibus,
 squam. tenuis - truncatis
 pauci dentatis; style ovale
 oris aequali compresso
 stigmate bilobis. caps. oris
 sem. ovato-triangularis tenuiter
 verruculosis



0 1 2 3 4 5 6 7 8 9 10
 cm

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4942

This is Dcge N^o. 8037
et Zeyher t. 3631 (120.5) (fide Linnaea
when Dr. J. Nees' name but no description
20 p. 196
Hans Klippe & Maine - B. Rev.
~~Dcge 80~~

Urvacodon Disuthege

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0 1 2 3 4 5 6 7 8 9 10
cm

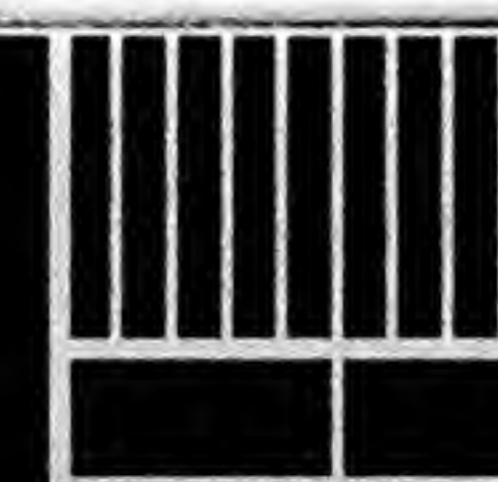
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96. 6.

Caulis clato arborescens (Diospyro, Wlun, Guineas)
inventum, fuscum.
florib. numeroso-pandulatis, breviter pedicellatis s. sessilibus
calycis glabri ~~an~~ basi ~~fore~~ ~~dis~~ lobis per lobis disjunctis orbiculatis
numeris imbricatis dissimilosis corolla tuba totum cylindrica
longior, orbiculatis imbricatis erectis s. subpatentis, tuba nulla
brevior, stylis
stetharia orbicularis ventris sessilis base adnata
12 mm; laevis tuba adnata bracte bifida
style ^{apice bifid.} ~~an~~ ovario, ~~an~~ ovario ovo-globoso acuminato favorem aegre.
capsula magis ovalis - rotunda, corolla calyptata coronata
^{angusta} stipite completo cui bassa capsula placenta que ^{in aliis} ~~in aliis~~
stipe (stipite) breviter ^{in aliis} persistente s. an ea
de dividenda: semina magis obtusangulata, levissime rugosae



0 1 2 3 4 5 6 7 8 9 10
cm

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Fls $\frac{1}{2}$ -1 in. lvs ~~panicle~~^{raceme} of several whorls long
+ compact; fls 2 lvs. corolla tubular, only the
segments exsert $\frac{1}{2}$ - $1\frac{1}{2}$ lvs; style very thick down
about $\frac{1}{4}$ of the way — Capsule $2\frac{1}{2}$ -3 in long,
wide. $\frac{1}{2}$ - $1\frac{3}{4}$ in dia, triangular, with a slit transverse
at broad base.

nearly allied to *P. monogyna*, but proportion of Calyx + Corolla
very different, anthers different, stigmas also different.

MISSOURI BOTANICAL GARDEN
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1914
1915



0 1 2 3 4 5 6 7 8 9 10

cm

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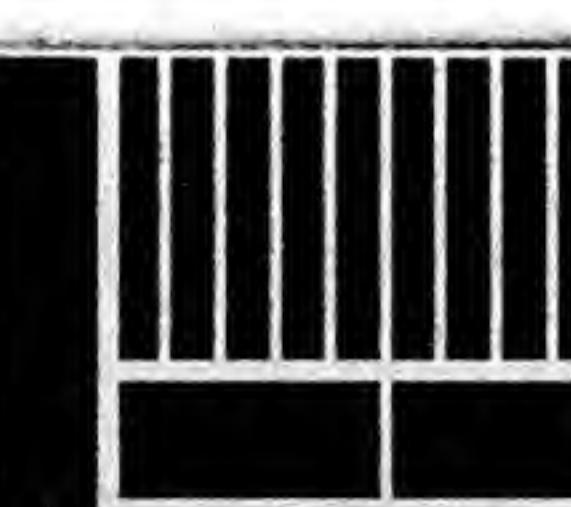
MISSOURI
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GARDEN

68

Caso p. 513

C. exaltata n.sp

(Eudorid 5-12-5-18)



0
cm

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GARDEN

4944

83

M. Texana

96.

tube corr. involucr.

lacin. corr. oblongatus, without
anthers, stamens prominent,

anthers large, style

slightly 2 imbricated

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0
cm

1 2 3 4 5 6 7 8 9 10

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69 Cest p. 513
C. cassytoides Rees

108

tube cor. indens
lacinia ovatis rotundata
anthers uniforme ovata
Style ovata angustata
stigmata (indistinct) bilobata
capitulum papillata

(Enclosed 5-15)



0
cm

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4945

Cladonia
var. whitii (L.) C. M.



0
cm

1 2 3 4 5 6 7 8 9 10

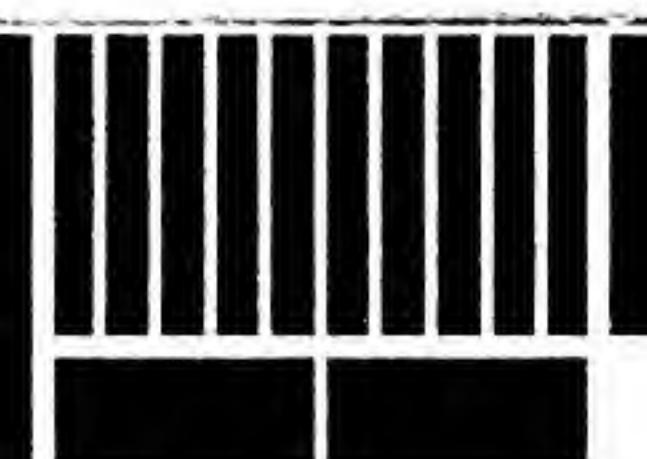
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4
Cusc. pg 512
III Monogyna
sp 68-76

(Enclosed herb 512-562)



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cm

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cm

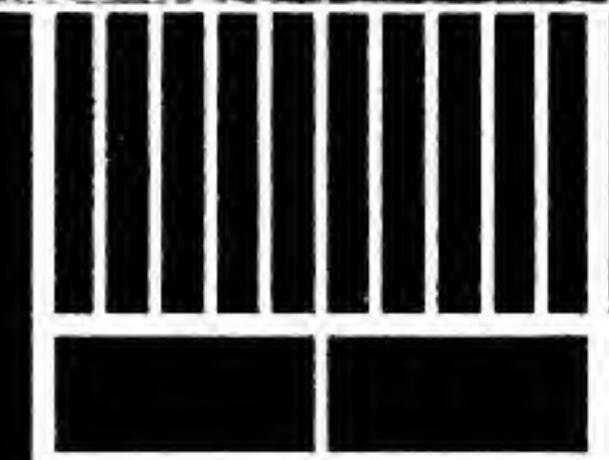
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4946



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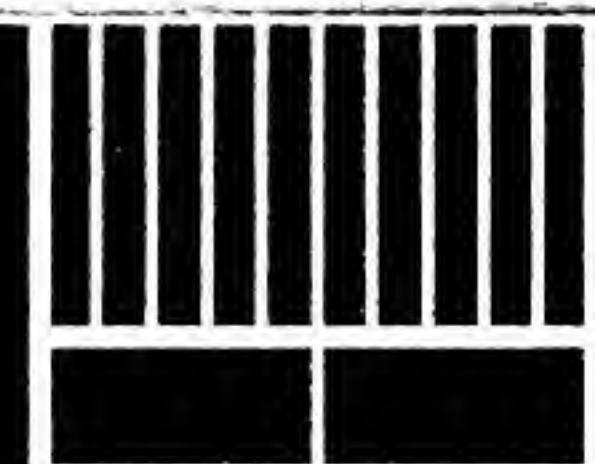
10

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Luxemburgia
? *Plectrantha*



0 1 2 3 4 5 6 7 8 9 10
cm

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GARDEN



0 1 2 3 4 5 6 7 8 9 10

cm

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GEORGE FREDERIC WANN-PAPERS



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cm

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